

## ABSTRACT OF THE DISCLOSURE

A lighting apparatus using microwave energy comprises, a magnetron disposed inside a casing, for generating microwave energy; a waveguide for 5 guiding microwave energy; a resonator providing a resonant region in which the microwave energy is resonated; a bulb disposed inside the resonator, and filled with a material which emits light, when excited by the microwave energy; and a rear mirror integrally fixed to a rear of the bulb, for forwardly reflecting light which is rearward emitted from the bulb.